11-5820-520 P-1

TM 11-5820-520-20P-1

TECHNICAL MANUAL

# ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR

# RADIO SET AN/GRC-106 (NSN 5820-00-402-2263)

HEADQUARTERS, DEPARTMENT OF THE ARMY

FEBRUARY 1978

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TECHNICAL MANUAL
No. 11-5820-520-20P-1

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, *21 February 1978*

# ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR RADIO SET AN/GRC-106 (NSN 5820-00-402-2263)

**Current as of 10 August 1977**

**REPORTING OF ERRORS**

**You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.**

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| | | 0101 Chassis assembly (1A1) | 9 | 3 |
| | | 010101 Front end protection assembly (1A1A1A10) (No parts authorized) | | |
| | | 010102 Internal ALC assembly (1A1A2A5) (No parts authorized) | | |
| | | 0102 100 kHz synthesizer module (1A2) (No parts authorized) | | |
| | | 0103 Frequency standard module (1A3) (No parts authorized) | | |
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| | | 0108 Translator module (1A8) (No parts authorized) | | |
| | | 0109 MHz synthesizer module (1A9) (No parts authorized) | | |
| | | 0110 Receiver audio module (1A10) (No parts authorized) | | |
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| | | 02010204 Terminal board assembly (2A1A5A5) (No parts authorized) | | |
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| | | 0202 Turret assembly (2A2) (No parts authorized) | | |


*This manual supersedes so much of TM 11-5820-520-12, 25 February 1971, including all changes as pertains to repair parts and special tools list for the AN/GRC-106.

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# SECTION I
# INTRODUCTION

## 1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/GRC-106. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

## 2. General

This Repair Parts and Special Tools List is divided into the following sections:

*a. Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

*b. Section III. Special Tools List.* Not applicable.

*c. Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

## 3. Explanation of Columns

*a. Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

*b. Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

| *Code* | *Definition* |
|---|---|
| PA | Item procured and stocked for anticipated or known usage. |
| XD | A support item that is not stocked. When required, item will be procured through normal supply channels. |

**NOTE**

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(*a*) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

| *Code* | *Application/Explanation* |
|---|---|
| O | —Support item is removed, replaced, used at the organizational level. |

(*b*) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

| *Code* | *Application/Explanation* |
|---|---|
| H | —The lowest maintenance level capable of complete repair of the support item is the general support level. |
| D | —The lowest maintenance level capable of complete repair of the support item is the depot level. |
| Z | —Nonreparable. No repair is authorized. |

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

| *Recoverability codes* | *Definition* |
|---|---|
| Z | —Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3. |
| H | —Reparable item. When uneconomically reparable, condemn and dispose at the general support level. |
| D | —Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level. |

*c. National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

*d. Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and

inspection requirements to identify an item or range of items.

**NOTE**

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

*e. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

*g. Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

## 4. Special Information

*a.* The following publications pertain to the AN/GRC-106 and its components:

TM 11-5820-467-15, Antenna Group AN/GRA-50

TM 11-5820-467-24P, Antenna Group AN/GRA-50

TM 11-5820-520-12, Radio Sets AN/GRC-106 and AN/GRC-106A

TM 11-5965-222-14P, Dynamic Loudspeaker LS-166/U

*b.* The illustrations in this manual are identical to those published in TM 11-5820-520-34P-1. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

## 5. How to Locate Repair Parts

*a.* When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

*b.* When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

## 6. Abbreviations

Not applicable.

**(Next printed page is 4.1)**

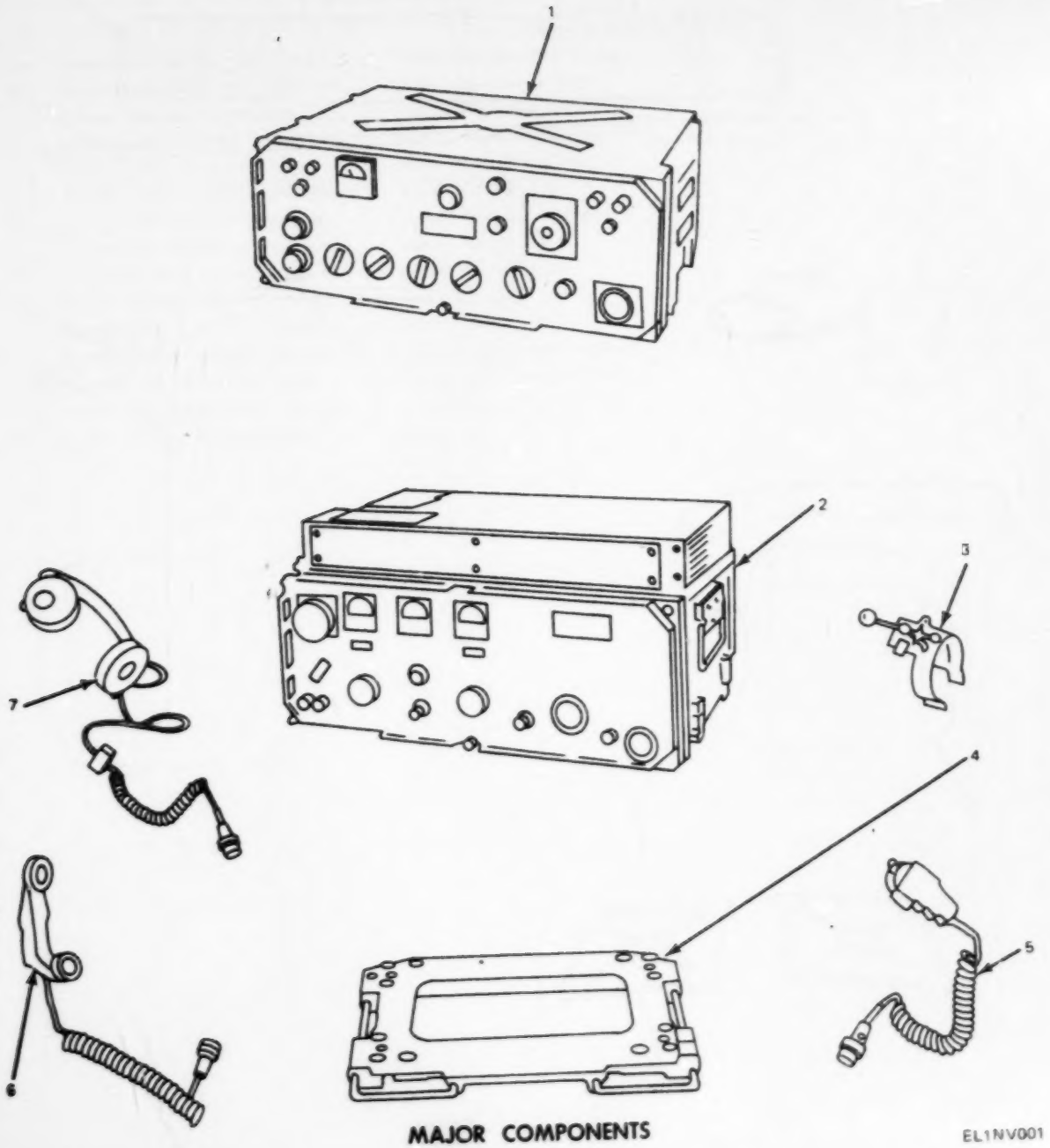


Figure 1. Radio Set AN/GRC-106 (Sheet 1 of 2).

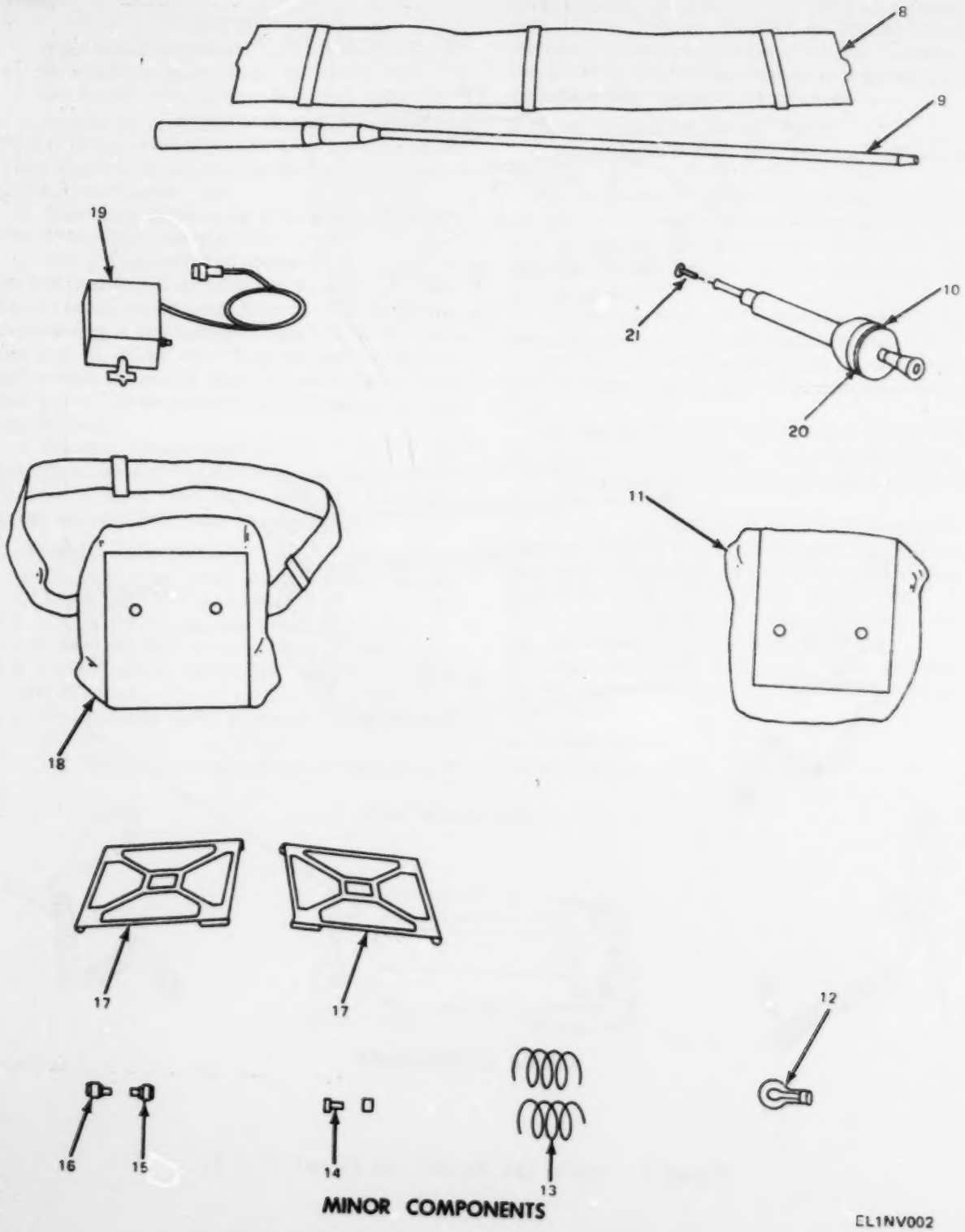


Figure 1. Radio Set AN/GRC-106 (Sheet 2 of 2).

| (1) ILLUSTRATION (a) FIG NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 00 RADIO SET AN/GRC-106 | | |
| 1 | 3 | PAOZZ | 5805-00-503-3395 | KY116U | 80058 | KEY,TELEGRAPH KY-116/U | EA | 1 |
| 1 | 4 | PAOOO | 5820-00-078-5614 | SMD500797 | 80063 | MOUNTING MT-3140 | EA | 1 |
| 1 | 5 | PAOZZ | 5965-00-194-9770 | M29U | 80058 | MICROPHONE M-29/U | EA | 1 |
| 1 | 6 | PAOZZ | 5965-00-165-9947 | H33PT | 80058 | HANDSET H-33/PT | EA | 1 |
| 1 | 7 | PAOZZ | 5965-00-226-2915 | H227U | 80058 | HEADSET H-227/U | EA | 1 |
| 1 | 8 | PAOZZ | 8105-00-200-2329 | CW206GR | 80058 | BAG,GW-206/GR | EA | 1 |
| 1 | 9 | PAOZZ | 5820-00-078-4769 | SMD500428 | 80063 | ANTENNA COVER | EA | 1 |
| 1 | 10 | PAOZZ | 5820-00-078-4770 | AB652VR | 80058 | MAST BASE AB-652/VR | EA | 1 |
| 1 | 11 | PAOOO | 7650-00-089-9570 | SCC446196 | 80063 | GROUNDING KIT | EA | 1 |
| 1 | 12 | PAOZZ | 5340-00-286-2491 | SC619491A | 80063 | CLAMP,ANTENNA | EA | 1 |
| 1 | 13 | PAOZZ | 5970-00-498-3745 | MIL11DTYPEL221 | 81349 | INSULATOR IN-104 | EA | 2 |
| 1 | 14 | XOOZZ | | SMC500427 | 80063 | CLAMP,ANTENNA | EA | 1 |
| 1 | 18 | POOOO | 5985-00-892-0758 | ANGRA50 | 80058 | ANTENNA GROUP AN/GRA-50 | EA | 1 |
| 1 | 19 | POOOO | 5965-00-243-6420 | LS166U | 80058 | LOUDSPEAKER LS-166/U | EA | 1 |
| 1 | 20 | PAOZZ | 5310-00-189-8907 | SCD12520-2 | 80063 | WASHER, FLAT | EA | 1 |
| 1 | 21 | PAOZZ | 5999-00-264-9213 | SCD19572-28 | 80063 | CAP | EA | 1 |

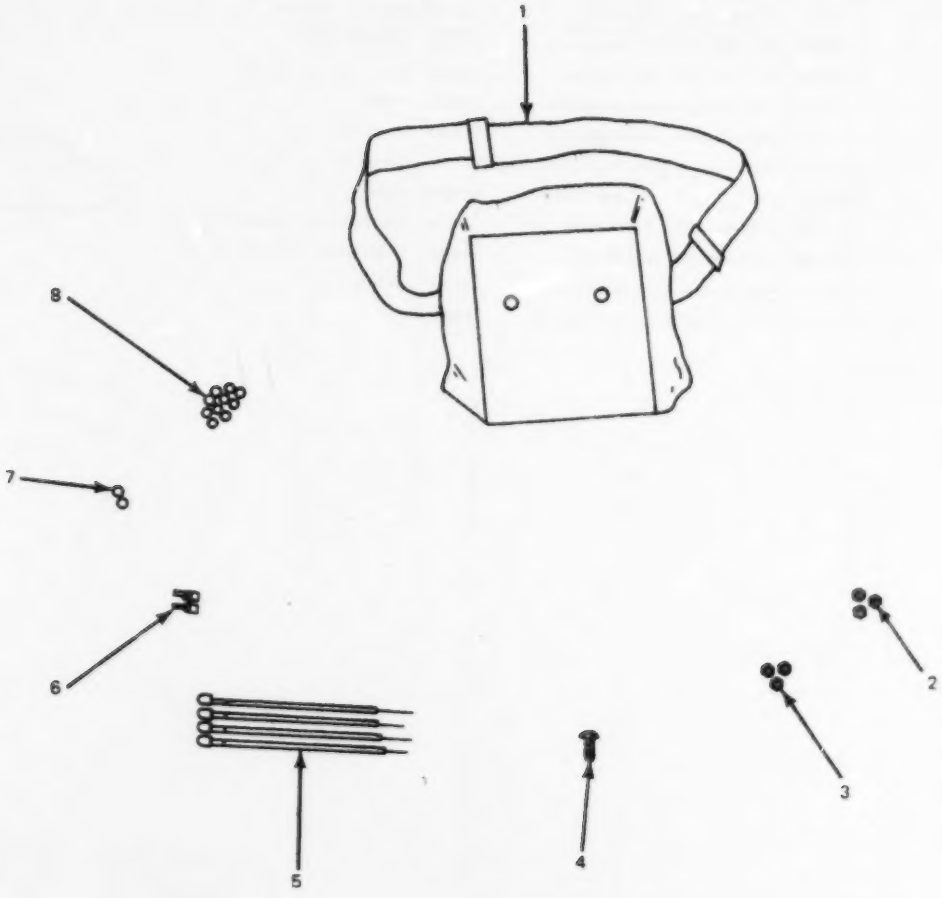


Figure 2. Radio Set AN/GRC-106, Grounding Kit.

| (1) ILLUSTRATION (a) FIG NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| 2 | 1 | PAOZZ | 8105-00-271-1511 | SC849729-7 | 80063 | BAG | EA | 1 |
| 2 | 3 | PAOZZ | 5310-00-768-0319 | MS51968-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 3 |
| 2 | 4 | PAOZZ | 5305-00-068-0506 | MS90726-6 | 96906 | SCREW,CAP,HEXAGON | EA | 3 |
| 2 | 5 | XDOZZ | | SC875180GR6 | 80063 | STRAP | EA | 4 |
| 2 | 6 | PAOZZ | 5307-00-089-9568 | SC8446197 | 80063 | STUD,SHOULDERED AND STEPPED | EA | 2 |
| 2 | 7 | PAOZZ | 5310-00-209-1239 | MS35335-63 | 96906 | WASHER,LOCK | EA | 2 |
| 2 | 8 | PAOZZ | 5310-00-889-2528 | MS45904-68 | 96906 | WASHER,LOCK | EA | 12 |

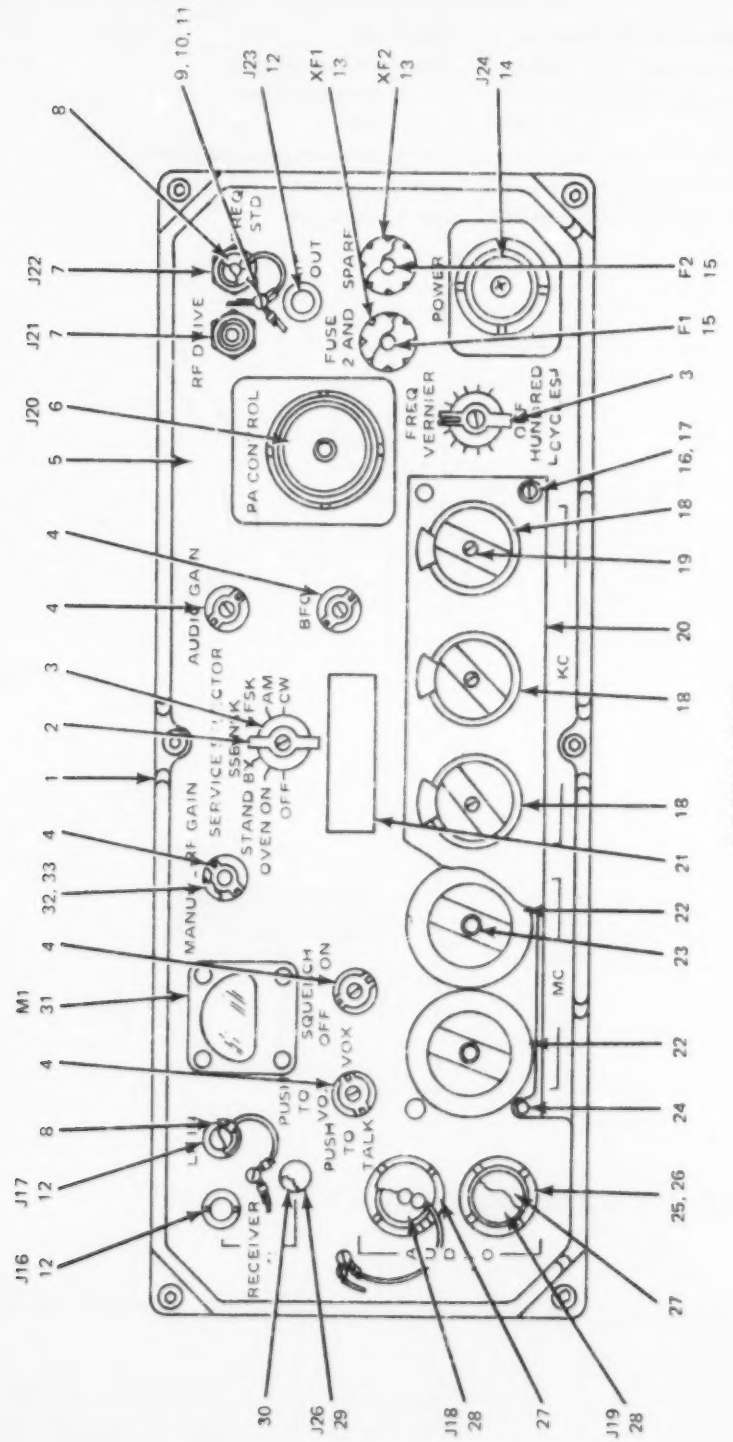


Figure 3. Chassis Assembly (1A1).

| (1) ILLUSTRATION (a) FIG NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 0101 CHASSIS ASSEMBLY (1A1) | | |
| 3 | 2 | PAOZZ | 5305-00-402-2646 | LP57J4054 | 03038 | SCREW,SELF-LOCKING | EA | 1 |
| 3 | 3 | PAOZZ | 5355-00-945-6596 | SM-C-502491 | 80063 | KNOB | EA | 2 |
| 3 | 4 | PAOZZ | 5355-00-727-8497 | SMC500407 | 80063 | KNOB | EA | 5 |
| 3 | 8 | XDOZZ | | SMB502634 | 80063 | COVER,ELECTRICAL CONNECTOR | EA | 5 |
| 3 | 9 | PAOZZ | 5305-00-054-5650 | MS51957-16 | 96906 | SCREW,MACHINE | EA | 1 |
| 3 | 10 | PAOZZ | 5365-00-308-1619 | SMB502828 | 80063 | SPACER,SLEEVE | EA | 1 |
| 3 | 11 | PAOZZ | 5310-00-782-1349 | AN960-C4 | 88044 | WASHER,FLAT | EA | 1 |
| 3 | 15 | PAOZZ | 5920-00-280-4960 | F02A250V2A | 81349 | FUSE,CARTRIDGE | EA | 2 |
| 3 | 16 | XDOZZ | | SM-C-500791-3 | 80063 | SCREW,MACHINE | EA | 6 |
| 3 | 17 | XDOZZ | | SMC500896-3 | 80063 | WASHER,FLAT | EA | 6 |
| 3 | 18 | PAOZZ | 5355-00-727-8506 | SMD500501 | 80063 | KNOB | EA | 3 |
| 3 | 19 | PAOZZ | 5305-00-004-6520 | SMB501079-2 | 80063 | SCREW,SELF-LOCKING | EA | 3 |
| 3 | 20 | XDOZZ | | SMD500139 | 80063 | COVER,CONTROL DIAL | EA | 1 |
| 3 | 21 | XDOZZ | | SMC503584 | 80063 | PLATE,IDENTIFICATION | EA | 1 |
| 3 | 22 | PAOZZ | 5355-00-727-8500 | SMD500502 | 80063 | KNOB | EA | 2 |
| 3 | 23 | PAOZZ | 5305-00-004-6520 | SMB501079-2 | 80063 | SCREW,SELF-LOCKING | EA | 2 |
| 3 | 27 | XDOZZ | | SMC502637 | 80063 | COVER,ELECTRICAL CONNECTOR | EA | 2 |

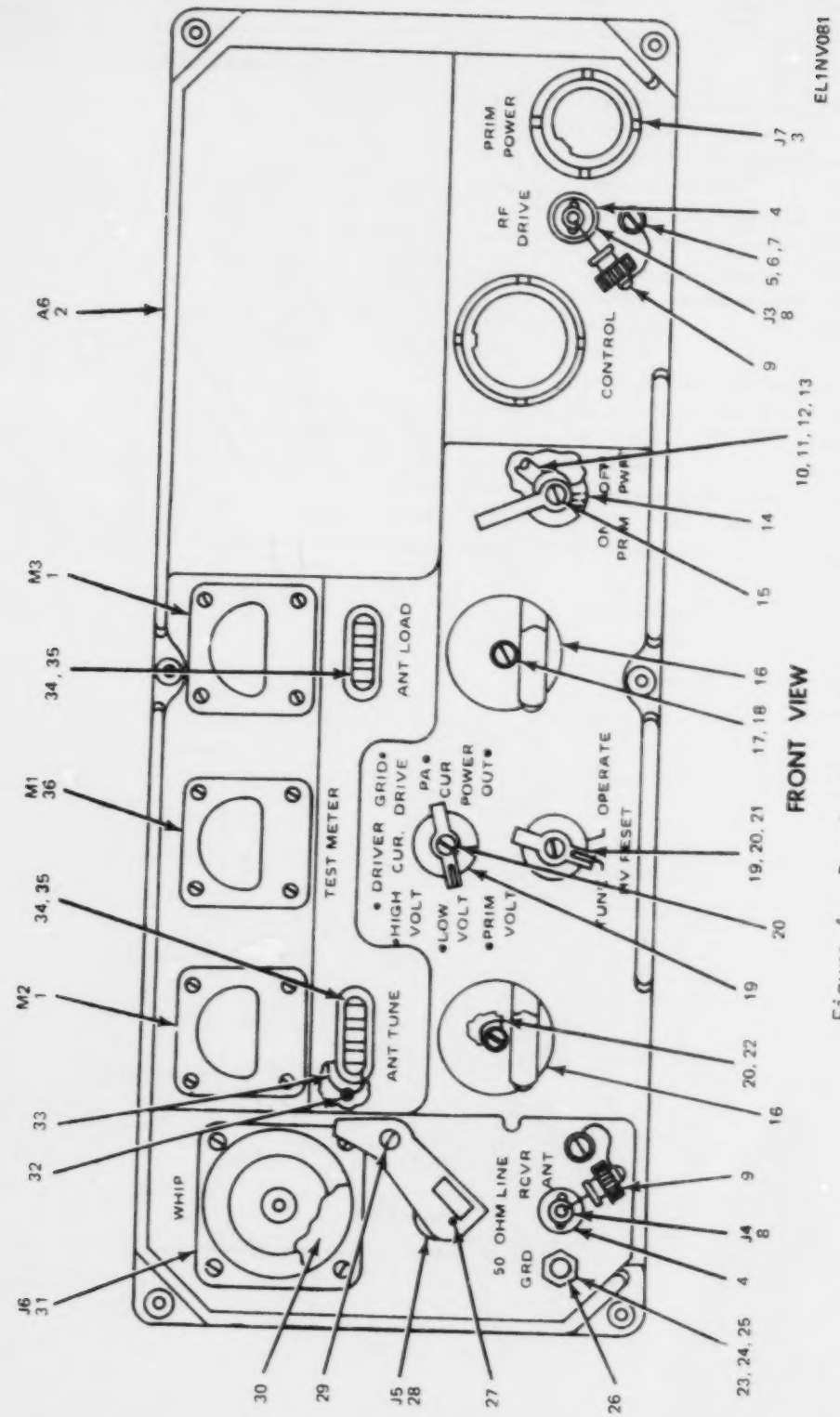


Figure 4. Panel, Power Amplifier (2A1A5).

| (1) ILLUSTRATION (a) FIG NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 020102 PANEL,POWER AMPLIFIER (2A1A5) | | |
| 4 | 5 | PAOZZ | 5305-00-054-5650 | MS51957-16 | 96906 | SCREW,MACHINE | EA | 1 |
| 4 | 6 | PAOZZ | 5365-00-308-1619 | SMB502828 | 80063 | SPACER,SLEEVE | EA | 1 |
| 4 | 7 | PAOZZ | 5310-00-782-1349 | AN960-C4 | 88044 | WASHER,FLAT | EA | 1 |
| 4 | 9 | XDOZZ | | SMB502634 | 80063 | COVER,ELECTRICAL CONNECTOR | EA | 2 |
| 4 | 14 | PAOZZ | 5355-00-926-5270 | SMC503283 | 80063 | KNOB,CONTROL | EA | 1 |
| 4 | 15 | PAOZZ | 5305-00-544-6185 | LP56A9255 | 03038 | SCREW,SELF-LOCKING | EA | 1 |
| 4 | 16 | PAOZZ | 5355-00-613-7120 | MS91522-1 | 96906 | KNOB | EA | 2 |
| 4 | 17 | PAOZZ | 5305-00-004-6520 | SMB501079-2 | 80063 | SCREW,SELF-LOCKING | EA | 3 |
| 4 | 18 | XDOZZ | | SMB502930 | 80063 | SPACER | EA | 4 |
| 4 | 19 | PAOZZ | 5355-00-945-4596 | SM-C-502491 | 80063 | KNOB | EA | 2 |
| 4 | 20 | PAOZZ | 5310-00-159-4321 | MS25082-20 | 96906 | NUT,PLAIN,HEXAGON | EA | 1 |

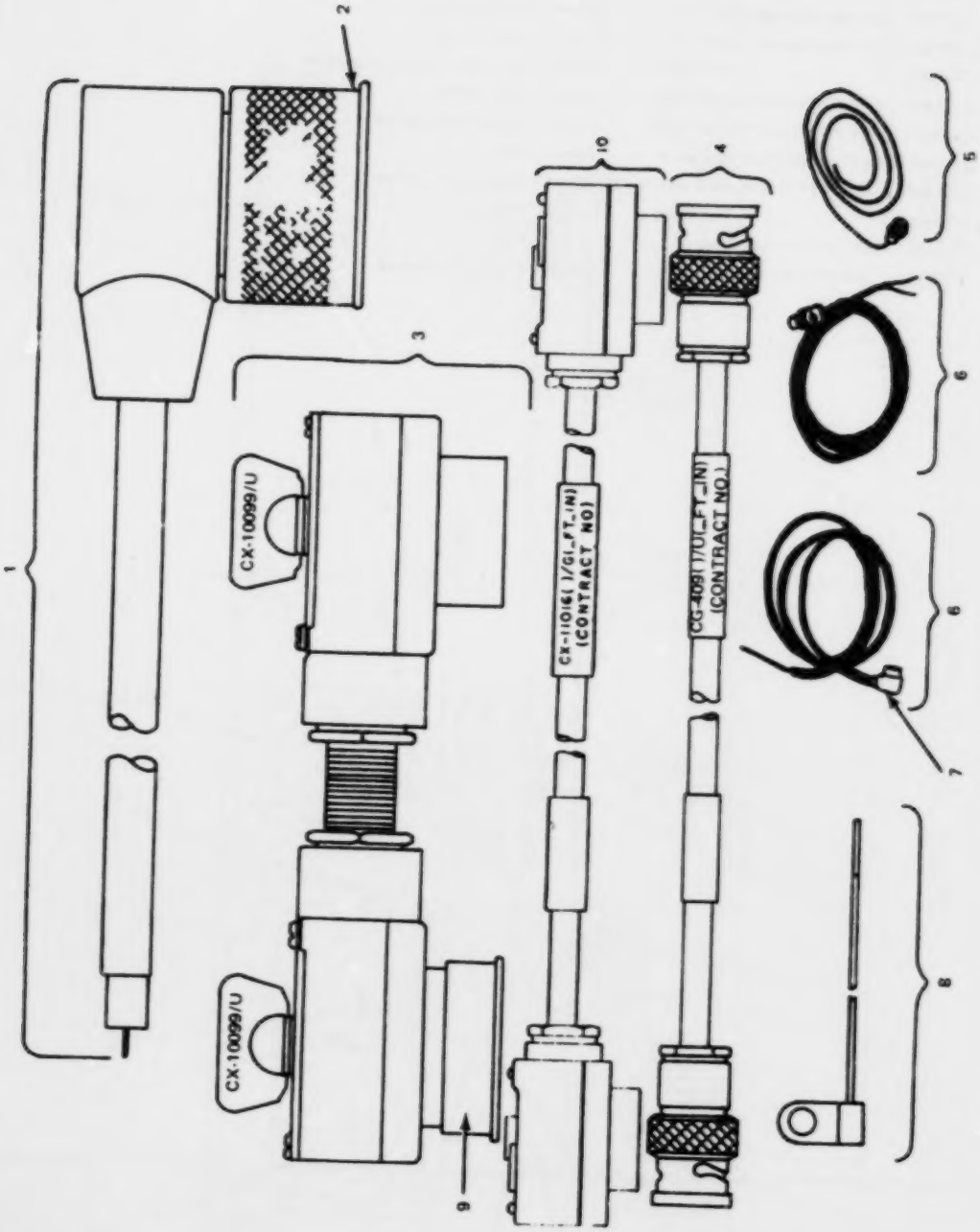


Figure 5. Interconnecting Cables.

| (1) ILLUSTRATION (a) FIG NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 04 INTERCONNECTING CABLES | | |
| 5 | 1 | PAOHH | 5995-00-985-8014 | SMC502924 | 80063 | LEAD,ELECTRICAL | EA | 1 |
| 5 | 2 | PAOZZ | 5340-00-821-7306 | MS25177-32 | 96906 | CAP,PROTECTIVE,DUST&MSTRE SEAL | EA | 1 |
| 5 | 3 | PAOHH | 5995-00-985-8005 | CX10099U71N | 80058 | CABLE ASSY,SPECPUR CX-10099/U | EA | 1 |
| 5 | 4 | PAOHH | 5995-00-578-6353 | CG409GU | 80058 | CABLE ASSY CG-409G/U | EA | 2 |
| 5 | 5 | XDOHH | | CX1852/U | 80058 | CABLE ASSY CX-1852/U | EA | 1 |
| 5 | 6 | PAOHH | 5995-00-782-9472 | SM0502972 | 80063 | CABLE ASSY,SPECPUR CX-10071/U | EA | 2 |
| 5 | 8 | PAOHH | 6150-00-170-5573 | SC827840-4 | 80063 | JUMPER,ELECTRICAL SC827840-4 | EA | 1 |
| 5 | 9 | PAOZZ | 5340-00-857-3247 | MS25177-24 | 96906 | CAP,PROTECTIVE,DUST&MSTRE SEAL | EA | 2 |
| 5 | 10 | PAOHH | 5995-00-985-7807 | CX11016G6FT | 80058 | CABLE ASSY CX-11016/G | EA | 1 |

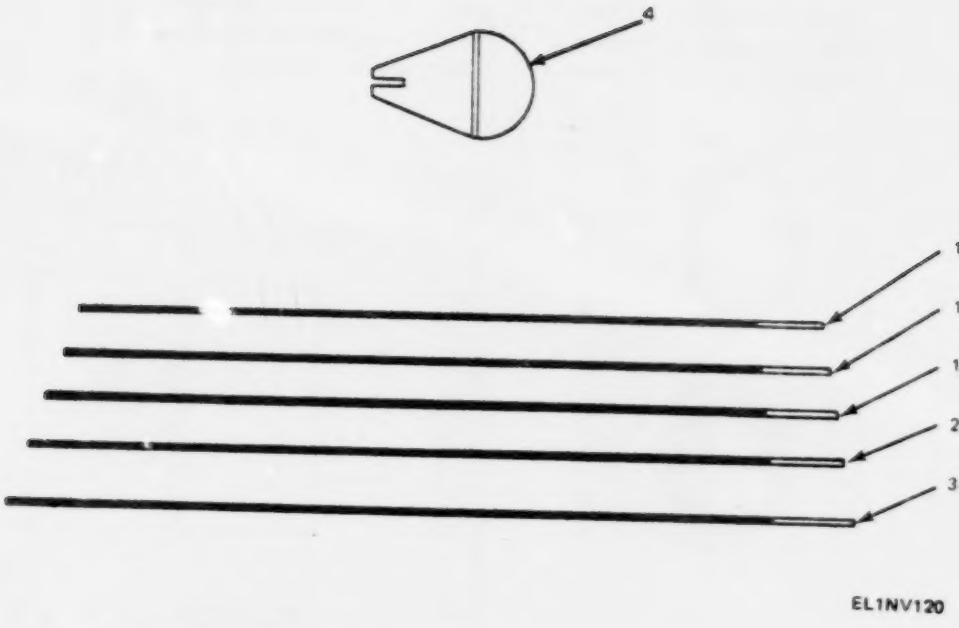


Figure 6. Mast Sections MS-116-A, MS-117-A, MS-118-A.

| (1) ILLUSTRATION (a) FIG. NO. | (1) ILLUSTRATION (b) ITEM NO. | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION USABLE ON CODE | (7) U/M | (8) QTY INC IN UNIT |
|---|---|---|---|---|---|---|---|---|
| | | | | | | GROUP 09 MAST SECTIONS MS-116-A, MS117-A, MS-118-A | | |
| 6 | 1 | PAOZZ | 5985-00-199-8831 | 271-1606 | 80063 | MAST, SECTION MS-116A | EA | 3 |
| 6 | 2 | PAOZZ | 5985-00-115-7149 | MS117A | 80063 | MAST, SECTION MS-117A | EA | 1 |
| 6 | 3 | PAOZZ | 5985-00-238-7474 | MS118A | 80063 | MAST, SECTION MS-118A | EA | 1 |
| 6 | 4 | PAOZZ | 5985-00-930-7223 | SC-C-448046 | 80063 | ANTENNA TIP ASSEMBLY | EA | 3 |

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

| STOCK NUMBER | FIGURE NO. | ITEM NO. |
|---|---|---|
| 5305-00-004-6520 | 3 | 19 |
| 5305-00-004-6520 | 3 | 23 |
| 5305-00-004-6520 | 4 | 17 |
| 5305-00-054-5650 | 4 | 5 |
| 5305-00-068-0506 | 2 | 4 |
| 5820-00-078-4769 | 1 | 9 |
| 5820-00-078-4770 | 1 | 10 |
| 5820-00-078-5614 | 1 | 4 |
| 5307-00-089-9568 | 2 | 6 |
| 7650-00-089-9570 | 1 | 11 |
| 5985-00-115-7149 | 6 | 2 |
| 5310-00-159-6321 | 4 | 20 |
| 5965-00-194-9770 | 1 | 5 |
| 5310-00-209-1239 | 2 | 7 |
| 5965-00-226-2915 | 1 | 7 |
| 5985-00-238-7474 | 6 | 3 |
| 5965-00-243-6420 | 1 | 19 |
| 8105-00-271-1511 | 2 | 1 |
| 5920-00-280-4960 | 3 | 15 |
| 5340-00-286-2491 | 1 | 12 |
| 5365-00-308-1619 | 3 | 10 |
| 5365-00-308-1619 | 4 | 6 |
| 5970-00-498-3745 | 1 | 13 |
| 5805-00-503-3395 | 1 | 3 |
| 5355-00-613-7120 | 4 | 16 |
| 5355-00-727-8497 | 3 | 4 |
| 5355-00-727-8500 | 3 | 22 |
| 5355-00-727-8506 | 3 | 18 |
| 5310-00-768-0319 | 2 | 3 |
| 5995-00-782-9472 | 5 | 6 |
| 5340-00-821-7306 | 5 | 2 |
| 5340-00-857-3247 | 5 | 9 |
| 5310-00-889-2528 | 2 | 8 |
| 5985-00-892-0758 | 1 | 18 |
| 5355-00-926-5270 | 4 | 14 |
| 5355-00-945-6596 | 3 | 3 |
| 5355-00-945-6596 | 4 | 19 |
| 5995-00-985-8005 | 5 | 3 |
| 5995-00-985-8014 | 5 | 1 |

| PART NUMBER | FSCM | FIG. NO. | ITEM NO. |
|---|---|---|---|
| A8652VR | 80058 | 1 | 10 |
| ANGRA50 | 80058 | 1 | 18 |
| CG409GU | 80058 | 5 | 4 |
| CX10099U7IN | 80058 | 5 | 3 |
| CX1852/U | 80058 | 5 | 5 |
| F02A250V2A | 81349 | 3 | 15 |
| H227U | 80058 | 1 | 7 |
| H33PT | 80058 | 1 | 6 |
| KY116U | 80058 | 1 | 3 |
| LS166U | 80058 | 1 | 19 |
| MIL110TYPEL221 | 81349 | 1 | 13 |
| MS117A | 80063 | 6 | 2 |
| MS118A | 80063 | 6 | 3 |
| MS25082-20 | 96906 | 4 | 20 |
| MS25177-24 | 96906 | 5 | 9 |
| MS25177-32 | 96906 | 5 | 2 |
| MS35335-60 | 96906 | 2 | 7 |
| MS45904-68 | 96906 | 2 | 8 |
| MS51957-16 | 96906 | 4 | 5 |
| MS51968-2 | 96906 | 2 | 3 |
| MS90726-6 | 96906 | 2 | 4 |
| MS91522-1 | 96906 | 4 | 16 |
| M29U | 80058 | 1 | 5 |
| SCB19491A | 80063 | 1 | 12 |
| SCB27840-4 | 80063 | 5 | 8 |
| SCB446197 | 80063 | 2 | 6 |
| SCB49729-7 | 80063 | 2 | 1 |
| SCB75180GR6 | 80063 | 2 | 5 |
| SCC446196 | 80063 | 1 | 11 |
| SM-C-500791-3 | 80063 | 3 | 16 |
| SM-C-502491 | 80063 | 3 | 3 |
| SM-C-502491 | 80063 | 4 | 19 |
| SM8501079-2 | 80063 | 3 | 19 |
| SM8501079-2 | 80063 | 3 | 23 |
| SM8501079-2 | 80063 | 4 | 17 |
| SM8502634 | 80063 | 3 | 8 |
| SM8502634 | 80063 | 4 | 9 |
| SM8502828 | 80063 | 3 | 10 |
| SM8502828 | 80063 | 4 | 6 |
| SM8502930 | 80063 | 4 | 18 |
| SMC500407 | 80063 | 3 | 4 |
| SMC500427 | 80063 | 1 | 14 |
| SMC500896-3 | 80063 | 3 | 17 |
| SMC502637 | 80063 | 3 | 27 |
| SMC502924 | 80063 | 5 | 1 |
| SMC503203 | 80063 | 4 | 14 |
| SMC508584 | 80063 | 3 | 21 |
| SMD500139 | 80063 | 3 | 20 |
| SMD500428 | 80063 | 1 | 9 |
| SMD500501 | 80063 | 3 | 19 |
| SMD500502 | 80063 | 3 | 22 |
| SMD500797 | 80063 | 1 | 4 |
| SMD502972 | 80063 | 5 | 6 |
| 271-1606 | 80063 | 6 | 1 |

LATEST NATIONAL STOCK NUMBER ASSIGNMENT

| STOCK NUMBER | FIG. NO. | ITEM NO. |
|---|---|---|
| 5965-00-163-9947 | 1 | 6 |
| 6150-00-170-5573 | 5 | 8 |
| 5985-00-199-8831 | 6 | 1 |
| 5995-00-578-6353 | 5 | 4 |

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

| STOCK NUMBER | FIG. NO. | ITEM NO. |
|---|---|---|
| 5305-00-054-5650 | 3 | 9 |
| 8105-00-200-2329 | 1 | 8 |
| 5305-00-402-2646 | 3 | 2 |
| 5305-00-544-6185 | 4 | 15 |
| 5310-00-782-1349 | 3 | 11 |
| 5310-00-782-1349 | 4 | 7 |
| 5985-00-930-7223 | 6 | 4 |

LATEST PART NUMBER ASSIGNMENTS

| PART NUMBER | FSCM | FIG. NO. | ITEM NO. |
|---|---|---|---|
| AN960-C4 | 88044 | 3 | 11 |
| AN960-C4 | 88044 | 4 | 7 |
| CW206GR | 80058 | 1 | 8 |
| LP56A92S5 | 03038 | 4 | 15 |
| LP57J40S4 | 03038 | 3 | 2 |
| MS51957-16 | 96906 | 3 | 9 |
| SC-C-446-46 | 80063 | 6 | 4 |

By Order of the Secretary of the Army:

BERNARD W. ROGERS
*General, United States Army*
*Chief of Staff*

Official:

J.C. PENNINGTON
*Brigadier General, United States Army*
*The Adjutant General*

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TM 11-5820-520-20P-1

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

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Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE: 10 July 1975

| PUBLICATION NUMBER | DATE | TITLE |
|---|---|---|
| TM 11-5840-340-12 | 23 Jan 74 | Radar Set AN/[illegible]-76 |

| BE EXACT. . .PIN-POINT WHERE IT IS | | | | IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT: |
|---|---|---|---|---|
| PAGE NO. | PARAGRAPH | FIGURE NO. | TABLE NO. | |
| 2-25 | 2-28 | | | Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.<br><br>REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of [illegible] knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation. |
| 3-10 | 3-3 | | 3-1 | Item 5, Function column. Change "2 db" to "3db."<br><br>REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator. |
| 5-6 | 5-8 | | | Add new step f.1 to read, "Replace cover plate removed in step e.1, above."<br><br>REASON: To replace the cover plate. |
| | | F03 | | Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."<br><br>REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage. |

| TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER | SIGN HERE: |
|---|---|
| SSG I. M. DeSpiritof 999-1776 | SSG I. M. DeSpiritof |

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